

From owner-qrp-1@netcom.com Thu Mar 23 03:37:57 1995
Date: Mon, 20 Mar 1995 17:36:26 +0000 (GMT)
From: bob.smith@internetMCI.netcom.com (Bob Smith)
Subject: 15M rig recomendations
Message-Id: <01HOD8E3FU0Y8Y4WUY@MAILSRV1.PCY.MCI.NET>

It's getting to be that time of year again. Can anyone recommend a good 15M rig kit for QRP use. Thanks.

Bob Smith networkMCI Marketing

From owner-qrp-1@netcom.com Thu Mar 23 03:13:50 1995
Message-Id: <9503201906.AA03664@emsr1.emsr.att.com>
From: meh@cbsms1.cb.att.com (m.e.hartwell)
Date: 20 Mar 1995 13:35 EST
Subject: 30 meter antenna

Hello all

I have a 30 meter pair, RX,TX from ramsey I am getting to work in a few days, still looking for power connectors that I like. My question concerning an antenna. Using the formula for finding the length of wire to use for the antenna we get something like 46 feet +/- whatever, now the questions. Has anyone ever taken lets say a 46 foot wire and end fed it to work band, no it it were 40 meters lets say 66 foot or wire, and assume no tuner, what would happen? Or more important would it work. Now the obvious reasons are ease of use no tuner, one end at rig other end over yonder and no coax to lug around. I guess another question is if it works kinda, what might it do the TX over time?

Hope these questions aren't too way out.

Marty kd8bj

From owner-qrp-1@netcom.com Thu Mar 23 02:55:48 1995
Date: Wed, 22 Mar 95 16:44:12 EST
Message-Id: <9503222144.AA26089@clark.dgim.doc.ca>
From: jcumming@clark.dgim.doc.ca (Jim Cummings)
Subject: Re: AEA PK-232 ROMs Needed

Hello Jim:

>I have acquired an AEA PK-232 multi-mode TNC vintage 1986. This
>is a forerunner of the PK-232MBX. It does not have a PBBS option.

Perhaps you will be another in a short line of QRP RTTYers? (hee hee)

>
>The previous owner told me he had called AEA and that the upgrade
>runs \$100 (a daughterboard with both additional RAM and new ROMS).
>
>I'd like to find some inexpensive post 1986 ROM's that someone may
>have sitting around after an upgrade.
>

I suspect that you will be stuck. You are probably better off getting the daughter board and the other paraphernalia and be done with it. (I don't think I have any old prompts left, but I will check. If you don't hear from me in the next day or two, I was not successful.) On the other hand, give AEA a shout. Maybe you can get the upgrades up to and including Pactor without the daughter board (but don't hold your breath).

>Also - it would appear that this unit can run 9600 packet out of
>the box, where a quick reading of the manual for a 1992 PK-232MBX
>*appears* to indicate this unit runs only 1200. What am I missing?
>

You need another outboard modem. The resident modem is guaranteed to up to 1200 baud.

>*****
>This is a test of the emergency .sig system. This is only a test.
>
>Jim Heaton spam@pilot-ind.com AA8RF
>*****
>
>

Let me know when you are ready to tickle the keys and maybe we can get together.

=====
 Jim Cummings
 eMail:jcumming@clark.dgim.doc.ca
 packet:VE3XJ@VE3JF.#EONT.ON.CA.NOAM
 73 and live better digitally
 DON'T GET TOO EXCITED...
 because remember, today is the first
 day of the rest of your life.
=====

From owner-qrp-l@netcom.com Thu Mar 23 02:51:29 1995
From: David Johnson <djohnson@acpub.duke.edu>
Message-Id: <199503221716.MAA00662@bio3.acpub.duke.edu>

Subject: April 1 fm Wrightsville Bch, NC
Date: Wed, 22 Mar 1995 12:16:07 -0500 (EST)

Hi gang! I thought I was sunk for the April 1 operating event, as I was scheduled to attend a Genetics Department retreat. I still am scheduled for that, and keep getting more work for that weekend (I am preparing a presentation!), BUT it looks like there is free time scheduled on Saturday afternoon! Yes, on April 1, I hope to operate portable from Wrightsville Beach, NC, with the Sierra (what else?) and Super CMOS keyer and 7 Ah sealed lead-acid battery. Oh no, I haven't made my 20m walking-stick antenna yet! Maybe I can come up with SOME kind of portable antenna for the beach. I will bring some wire and a tuner so that I may put up a random wire antenna IF supports are available. Does anyone have any ideas for a quickie resonant antenna for 20m which does not require trees or other supports? Not sure how the sand will hold stakes for guy wires! Hmmm, ...

72,

Dave

--

David W. Johnson	Power is no substitute for skill
Amateur Extra WA4NID	QRP ARCI 6546
email: djohnson@acpub.duke.edu	G-QRP 4864
packet WA4NID@KB4WGA.NC.USA.NA	NorCal 355

From owner-qrp-l@netcom.com Thu Mar 23 03:50:07 1995
From: RobCap@aol.com
Date: Mon, 20 Mar 1995 12:57:02 -0500
Message-Id: <950320125701_55133213@aol.com>
Subject: ARCI Award Backlog Status

I know that many of you are interested in when to expect your award from ARCI. Therefore, and with all due respect to the "QRP-L Police" I am posting the unofficial WA3ULH "ARCI Award Backlog Status".

This current ARCI Backlog reflects only my own award filings, and is therefore based on a very small statistical sample (of 1). Your award backlog may vary.

K5F0 posted this over two weeks ago: "The missing award that someone really resigned over was shipped Dec 17th, since this was the Saturday that I went to the post office and the week of getting mail from Bob. This was also during the Christmas rush, so I suspect Santa Claus may have gotten it, but I could have screwed up too. I doubt it, but never mind a new one is on the way in this Saturday's mailing. Stand by all who have complained. Help is

on the way."

This recent posting by ARCI notwithstanding, the awards have not arrived. So please do not rush to the conclusion that the awards backlog has been erased.

Miles/watt endorsement	Sept 26, 1994	5.75 months
WAC	October 11, 1994	5.25
months		
DXCC	October 11, 1994	5.25
months		

72,

Rob, WA3ULH

From owner-qrp-l@netcom.com Thu Mar 23 03:43:47 1995
From: sehneg@austin.ibm.com (Sehne)
Message-Id: <9503202220.AA10249@n2kty.austin.ibm.com>
Subject: Back from Hawaii/DX/digests?
Date: Mon, 20 Mar 95 16:20:01 -0600

I wanted to grab the last 3 days or so QRP stuff from Sunsite.unc.edu but they won't allow me anonymous ftp anymore, something about pipes not being big enough.... so I'm re-subscribing to the list to ask (and be able to read the reply) on how to obtain the digests from alternate sources. I'd love to tell you guys about my KH6/QRP operation. Please give me a clue on how to get around the Sunsite.unc.edu limitation so I can catch up. thanks! (I bet I got you guys curious now....) de N2KTY(Gary) in "5" land agn

From owner-qrp-l@netcom.com Thu Mar 23 02:25:24 1995
Date: Tue, 21 Mar 95 19:50:50 PST
From: dh@deneb.csustan.edu (Doug Hendricks)
Message-Id: <9503220350.AA25220@deneb.csustan.edu>
Subject: Back Issues of ARCI Quarterly

I have 10 sets of the back issues of the large format of the QRP Quarterly left, and when they are gone, there will not be any more from me. Due to time constraints I will not do them any more. These are the xerox copies of the QRP Quarterly, the ARCI journal that run from 1985-93, 9 issues, over 600 pages bound with heavy cardstock covers and the plastic finger binders. The sets are \$90 each, and will be shipped priority mail postpaid. If you are interested, send me email and I will let you know if I have sets left so that you won't send a check and be disappointed. Please don't ask me to break up the sets, I will sell them as complete sets only. If you want one,

1. Make check or money order out to Doug Hendricks
2. Send to the following address:
Doug Hendricks

862 Frank Ave.
Dos Palos, CA 93620

72, Doug, KI6DS

From owner-qrp-l@netcom.com Thu Mar 23 01:37:27 1995
From: rohrwerk@holonet.net
Date: Sun, 19 Mar 1995 19:11:34 -0800
Message-Id: <199503200311.TAA03067@holonet.net>
Subject: Digital Signal Processors

Verily hath Byron8LCZ@aol.com written:

> If i could figure out how to get a 80m loop on my small property, i
> would do it.

I'm a fan of loops... fortunately have room for a 350-foot one to hang in the trees... but would suggest trying to fold it in on itself somehow. Remember the "Maltese Quad" in QST recently -- a full wave of wire, but folded in on itself on four sides. Maybe, just maybe, you can try this. I have read about folks who make an indoor one, where the wire snakes in and out of different rooms to get a compromise between maximum wire and maximum enclosed area. Dig out your antenna modeling software and see what comes out!

: John Seboldt	rohrwerk@holonet.net	/	I am Bach of Borg...
: Amateur radio	K0JD...	/	your style will be
: Church of the	Annunciation,	/	assimilated.
: Minneapolis		/	

-> Alice4Mac 2.3 E QWK Eval:05Mar94

From owner-qrp-l@netcom.com Thu Mar 23 03:12:19 1995
Message-Id: <199503210154.RAA04541@holonet.net>
Subject: Re: grounding the shack
Date: Mon, 20 Mar 95 17:54:03 PST
From: John Seboldt <rohrwerk@holonet.net>

Re "special techniques" for grounding if floor is above ground level...
this has to do with the length of lead needed to reach earth ground.
These leads might be multiples of a 1/4 wavelength, in which case you have
no ground at all; or various other impedances at other frequencies tha
tprevent good RF ground.

One technique for this is making an antenna tuner for the ground lead!
That's what the MFJ "Artificial Ground" is -- an L network that gives you a
low impedance ground ata particular frequency. I think all it is is an
adjustable L network, with some kind of in line RF current metering setup
(probably a toroid transformer and rectifier/filter).

: John Seboldt rohrwerk@holonet.net / I am Bach of Borg...
: Amateur radio K0JD... / your style will be
: Church of the Annunciation, / assimilated.
: Minneapolis /

From owner-qrp-l@netcom.com Thu Mar 23 00:14:13 1995
Message-Id: <199503200130.RAA02581@holonet.net>
Subject: Re: Heath HW-12A
Date: Sun, 19 Mar 95 17:30:18 PST
From: John Seboldt <rohrwerk@holonet.net>

Re the reworking of an HW-12A... somebody had a kit to turn one of these (or their 40 and 20 meter siblings) into triband transceivers. Something to look out for.

These radios just MIGHT be a good shell for reworking into a new solid-state transceiver -- just recycling the coils and tuned circuit components, filters, etc.

I have a similar device I've thought of upgrading -- the Drake SSR-1 shortwave receiver. Nice box with lots of space, a nice dial, and a big 4 inch speaker... could be upgraded with double balanced mixers, etc., -- even add a 5 watt CW xmtr inside.

: John Seboldt rohrwerk@holonet.net / I am Bach of Borg...
: Amateur radio K0JD... / your style will be
: Church of the Ann]nciation, / assimilated.
: Minneapolis /

From owner-qrp-l@netcom.com Thu Mar 23 03:24:24 1995
Date: Mon, 20 Mar 95 13:36:30 PST
From: TLeonard@ccmgate.mti.com (Leonard, Tim)
Message-Id: <9502207957.AA795735390@ccmgate.mti.com>
Subject: Re: Heath HW-12A

Brien,

I too remember a couple of articles on converting this rig. The main problem is that while it is relatively easy to adjust the vfo to cover the cw portion of the band, the IF is still 3 khz wide. This may be ok for quiet bands, but 80 meters is seldom quiet. The rig can be made to operate cw easily by using the tune position. In any case, the finals in this rig are sweep tubes that are very hard to come by so you may be running QRP whether you want to or not. All of the rigs of this class (HW12,22,32) that I have

been able to find have flat tubes.

If you have a schematic, I would appreciate a copy as I have an HW18 which is the Mars/CAP version and would like to get it going.

Tim AA6DQ

From owner-qrp-1@netcom.com Thu Mar 23 01:56:35 1995
Message-Id: <199503210057.TAA07365@jfwhome.funhouse.com>
Subject: Re: Innovative LED SWR Circuit?
Date: Mon, 20 Mar 1995 19:57:56 -0500
From: "John F. Woods" <jfw@jfwhome.funhouse.com>

Since "tuning for resonance" is just a matter of tuning for minimum reflected power (from the transmatch, of course), it seems like you ought to be able to pretty easily drive an LED from a reflected power bridge (or tap off the reflected power line of an existing bridge). To keep from upsetting the impedance of the bridge circuit, you'd probably want to use a comparator to test the reflected voltage being below a given threshold; if you designed a small bridge from scratch, you could just have the induced voltage drive the LED directly (in which case it would extinguish when you were near resonance). Hmm; LEDs have a turn-on voltage of around a couple of volts; that might be too high for a reliable "near resonance" indicator.

From owner-qrp-1@netcom.com Thu Mar 23 03:45:35 1995
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: LED readout of SWR for MFJ tuner
Message-Id: <1995Mar21.145604-0500@[130.113.234.7]>
Date: 21 Mar 1995 14:56:04 -0500

>From leinwebe@mcmail.CIS.McMaster.CA Tue Mar 21 10:52:12 1995
Received: from [130.113.234.7] (PC-Leinweber-G.eng.McMaster.CA [130.113.234.7]) by mcmail.CIS.McMaster.CA (940816.SGI.8.6.9/8.6.9) with SMTP id KAA24897; Tue, 21 Mar 1995 10:52:11 -0500
To: qrpl@netcom.com
>From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Cc: leinwebe@mcmail.CIS.McMaster.CA
Sender: leinwebe@mcmail.CIS.McMaster.CA
Subject: LED readout of SWR for MFJ tuner
X-Originating-Host: [130.113.234.7]
Reply-To: leinwebe@mcmail.CIS.McMaster.CA
In-Reply-To: <199503210025.TAA04501@mcmail.CIS.McMaster.CA>
Message-Id: <1995Mar21.105233-0500@[130.113.234.7]>
Date: 21 Mar 1995 10:52:33 -0500
X-Mailer: BWMail for Windows Version 3.0a
Status: 0

Bob, direct-to-you mail didn't work, so out here it is...you have a

good idea here that others might be interested in.

In <01HOD86M6MSY8Y4WUX@MAILSRV1.PCY.MCI.NET>, Bob Smith wrote:

>[....good stuff deleted]

>Is there some circuit that I can add the the MFJ tuner that will light an LED
>at tuned resonance (or turn it off). This would streamline the gear I must
>lug around and be a cool project to build.

>

>-----

>Bob Smith networkMCI Marketing

>

Bob,

Most SWR meters do a lot of fancy R.F. signal summing and subtracting, then convert the result to D.C. with some diodes and simple capacitor filter - then to a D.C. meter.

If you really want a simple "readout device" other than the meter, a circuit could be made to drive a Light Emitting Diode. SWR would show up as varying intensity, with best match occurring when the LED goes out. It would be almost impossible to calibrate... but if all you want is to find the best match, it should be adequate.

I take it that your tuner has no wattmeter built in? May I suggest the Oak Hills QRP wattmeter/powermeter, or the QRP power meter (Roy Lewallen's) in the ARRL '94, '95 Handbook. Modifying the final op-amp to drive a L.E.D. instead of a meter should be really simple. Let me know if you're interested in this approach... I'd be happy to discuss the circuit mods necessary. Both power meters have identical output circuits driving the meter, so the mods would apply equally to each.

(I built the one in the handbook, its very similar to Oak Hills and works very very well).

Glen Leinweber VE3DNL leinwebe@mcmail.mcmaster.ca

From owner-qrp-l@netcom.com Wed Mar 22 11:30:50 1995

Message-Id: <9503221521.AA16436@garnet.inel.gov>

Date: Wed, 22 Mar 1995 08:22:42 -0700

From: LVE1@inel.gov (Larry East)

Subject: Need filter info

Could someone please send me info on the 9.000 MHz Showa SSB filter? Need center frequency and input/output impedance, plus any other info you might have.

Tnx & 72, Larry W1HUE/7

LVE1@inel.gov

From owner-qrp-l@netcom.com Thu Mar 23 03:24:56 1995

From: rossi@VFL.Paramax.COM

Message-Id: <9503201359.AA20591@gvlf9-a>

Date: Mon, 20 Mar 95 08:59:55 EST

Subject: Re: Need Hallicrafters' S-38 Info

->I found a 1946-47 model Hallicrafters S-38 (no suffix!) at a swapmeet
->this weekend and was able to take it off the owner's hands for \$10. A
->little cleanup, and peaking of the RF stage (tune for loudest QRN)
->brought the thing to life! It still has a few problems, but it is quite
->like the receiver I used when I first was licensed in 1958. My hope is
->to build a QRP combo using the S-38 and a companion 6V6 Tri-tet
->oscillator (which was my first xmtr). The RCVR came without
->schematic/owners manual/etc (((what a surprise!!!))) and I'm wondering
->if anyone on the list might have anything that could help. I'd be proud
->to pay copying costs, postage, mileage, etc.

I have one of these radios.. and someone send me a copy of a Sams
photofact schematic for it a few years ago. Might take a little bit
to track it down.. If you don't get any other responses, let me know
and I will dig it out.

->A friend faxed me a copy of a schematic for an S-38C, which is close --
->because the S-38C looks similar but the design is somewhat dissimilar. And
->later models used miniature tubes and had a different case and dial
->((the S-38E isn't even close))!

->This RCVR is a bit unusual in that unlike later models which
->used only 5-tubes -- this is a six tube model: 35L6, 35Z6,
->2-12SK7, 1-12SQ7 and an unknown octal tube (((which has been
->replaced by an octal base whose major pins are neatly soldered
->to a 7-pin miniature socket, upon which rests a 12BE6))). Does anyone
->know what original tube the 12BE6 replaces? Anyone have any paperwork
->on this? Pls and tnx and 73/72

I know the tube. might have been a 12SA7.. I forget.. There
was an octal set that corresponded to the 7-pin set.

->P-S:::Ooops::: one more favor,,,, I think there's another list called
->'boatanchors.' Could someone please e-mail me the address? The S-38
->might feel at home there!!

-> [<Alan Kaul, W6RCL>] kaul@netcom.com

I used to subscribe to this list but I don't have the current list.

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Unisys Corporation - Government Systems Group
Valley Forge Engineering Center - Paoli, Pennsylvania

From owner-qrp-1@netcom.com Wed Mar 22 11:30:01 1995
Message-Id: <9503221521.AA16433@garnet.inel.gov>
Date: Wed, 22 Mar 1995 08:22:41 -0700
From: LVE1@inel.gov (Larry East)
Subject: Need info on 2SC799

Posted this a couple of days ago but never saw it reflected nor received any response, so will try again...

Does anyone have data on the 2SC799 RF transistor? If so, I would appreciate receiving some info.

Tnx & 72, Larry W1HUE/7
LVE1@inel.gov

From owner-qrp-1@netcom.com Wed Mar 22 14:35:50 1995
Message-Id: <199503221810.AA10846@zia.aoc.nrao.edu>
Date: Wed, 22 Mar 1995 11:10:38 -0700
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: Re: Need info on 2SC799

Just from the cross reference guide ...
2SC799 = ECG237 = NTE237 = GE46
NPN Si RF power transistor designed for CB applications
Max. ratings: Vcb=80v Vce=40v Veb=5v Ic-max=3A (4A on GE46 equiv.)
Ft=150MHz
Hfe=10 (min) 70 (max)
2SC799/ECG237 in metal TO-39 typ. power transistor case with EBC leads.
The GE replacement also TO-39 but only EB leads, case is collector.
(Don't say what the metal can is connected to on 2SC/ECG flavors).
Paul NA5N

From owner-qrp-1@netcom.com Thu Mar 23 03:14:04 1995
Message-Id: <9503202033.AA27916@garnet.inel.gov>
Date: Mon, 20 Mar 1995 13:34:35 -0700

From: LVE1@inel.gov (Larry East)
Subject: Need Transistor Specs

Anyone have a data sheet for a 2SC799 transistor? And/or Motorola equivalent? Please e-mail any info direct to me. Thanks & 72 --

"Any opinions expressed herein are my own and probably do not agree with those of my employer, the U.S. Government or my spouse"

— — — — —

Larry V. East (W1HUE)

Idaho Falls, ID

e-mail: LVE1@inel.gov

Packet: W1HUE@WT7B.ID.USA.NOAM

work: (208) 533-4005 home: (208) 529-2162

From owner-qip-l@netcom.com Wed Mar 22 12:12:43 1995
Message-Id: <199503221618.AA06672@zia.aoc.nrao.edu>
Date: Wed, 22 Mar 1995 09:18:01 -0700
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: Re: newbie succeeds, another ephiphyte lives

>From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
>To: QRP Forum <qrp-l@netcom.com.>
>Subject: newbie succeeds, another ephiphyte lives!
>Mime-Version: 1.0
>Content-Type: TEXT/PLAIN; charset=US-ASCII
>Sender: owner-qrp-l@netcom.com
>Precedence: list
>Status: R

VE6GK "Doc" Zabrodski writes (in part):

>After lots of trips getting parts and lots of double checking schematics
>(picture of components on board helped a lot) I put it together. You can
>tell I did not take shop in high school, after drilling holes in metal
>cabinet I have cuts and scrapes to show for it.

```
>(Scarry part: I use a scapel on humans on a regular basis! ;-)
```

[illegible]

```
> (rest deleted)
```

>

```
>*****
>Dr. Rick Zabrodski BSc, MD, CCFP(E)          *                VE6GK
>Email: zabrodsk@med.ucalgary.ca              * NorCal 519  ARCI 7099  GQRP 8329
>Phone 403-271-5123 Fax 403-225-1276         * "Power is no subtitute for skill"
>*****
```

You know, any doctor who builds QRP rigs could whittle on me anytime.

Should I ever require the services of a skilled surgeon, I'd be so lucky to find one with such a combination of talents!!!

72, Paul NA5N (and my XYL, Mary, Registered Nurse and working "the floor" as we speak).

From owner-qrp-1@netcom.com Wed Mar 22 23:59:34 1995
From: BRUCE3900@delphi.com
Date: Sun, 19 Mar 1995 10:07:57 -0500 (EST)
Subject: Ocean State Electronics
Message-Id: <01H0BEF3ZVL490Q1CE@delphi.com>

Hey Fellow QRPers:

In yesterday's mail I received a copy of the NEW Ocean State Electronics catalog, putting to rest the nasty, and unfounded rumor that they are going out of business.

I do not work for Ocean State. The next HAMBREW will likely carry a short piece I wrote about the mixup that led to the announcement here on the QRP-List that Ocean State was closing its doors.

They're not. I'd suggest any of you who build should call, write, or wire Ocean State and get a copy of the new catalog.

73,
Bruce -- W6TOY/3

From owner-qrp-1@netcom.com Thu Mar 23 01:41:39 1995
From: DAVEAF5U@aol.com
Date: Wed, 22 Mar 1995 23:53:05 -0500
Message-Id: <950322235257_58244131@aol.com>
Subject: OHR Classic

Someone posted a message about 2-weeks ago about changing a resistor in the Classic to allow for better keying. Which resistor was that and what was its new value?

From owner-qrp-1@netcom.com Thu Mar 23 02:56:18 1995
Subject: Operating practices
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.16108.500@acenet.com>
Date: Wed, 22 Mar 1995 08:21:00 -0500

>From: brian.carling@acenet.com

(miker@cc.com) writes:

MR>I have 2uW of input on operating practices. Is there a reason
MR>CW ops start and end each xmission with everybody's call sign.

MR>AA0UB de KZ6XYZ rr fb

MR>....bk to u AA0UB de KZ6XYZ kn

Yes. It used to be required by FCC law until a few years ago.
ALSO, more importantly, it helps other stations listening in to
figure out who is on, and whom they might like to call after the
QSO is ended. Third, it helps in an emergency if someone needs
to get a hold of you and relay a message to you via the other station
for example, etc. MANY good reasons to do this, even though it is
no longer required by FCC.

MR>I know who I am, and to whom I'm talking with. Even if I've just
MR>signed, he still gives my call. From what I remember in the Novice
MR>test, identify once every 10 minutes and at the end and I need only
MR>identify myself.

To a newcomer, I can see why this practice may seem odd, but it does
have a good basis.

MR>It's gotten so bad, they do it on VHF and UHF too!
MR>"Ok Mike, see you later. AA0UB this is KZ6XYZ."

Again, for good reasons. It hasn't "gotten so bad", rather it has
always been "bad."

MR>"Hi. How are you? What's up?"

Not a bad idea when the guys are being redundant with extra
identifications, I agree!

MR>As long as I'm spewing...What does "for id" mean?

As a speaker of Standard English, I've always wondered why
Americans use "I.D." as an abbreviation for the word
"Identification!"

Like, what does the "D" stand for anyway? Don't they know how to
abbreviate properly?

MR>The only time anyone uses anyone's call sign, is for id.
MR>So why say, "for id." It's redundantly repetative. :^}

Ya I agree, kinda silly.

~ SLMR 2.1a ~ All that is not eternal is eternally out of date. CSLewis

From owner-qrp-1@netcom.com Thu Mar 23 03:40:20 1995
From: sehneg@austin.ibm.com (Sehne)
Message-Id: <9503211812.AA17590@n2kty.austin.ibm.com>
Subject: QRP from Pacific
Date: Tue, 21 Mar 95 12:12:38 -0600

Well, I just saw a note from Wayne Estes about his Hawaii QRP experience, and I thought, I'd add my own. We must've been in Hawaii at the same time

Fer starters...I lost my mini-tripod which I used to toss a string over a branch as I raised my 20m dipole. It wrapped itself several times around a spring...(I got it back eventually). In the meantime, I found out that a bottle of suntan lotion had less tendency to snag...and worked quite well.

The dipole was only up about 15-20 ft, but it was under some shady palms, right by the ocean in Kaanapali, Maui. The station consisted of my MFJ 9020 (thanks for all of you who recommended 20m) and the battery was a sealed gell-cell (7amp-hour). I brought my bencher paddle and the whole thing sat rather neatly between my legs on the lounge chair. People would walk up and ask me what was going on....at night time, I lowered 1/2 of the dipole and twisted the coax feedline onto it & raised it again, to keep it lowkey, and less likely to be yanked down by the gardener, or whomever...

As Wayne also stated, I had more success in working USA (westcoast mostly) than any exotic countries. Heard Japan, Chile and a "S3"? but could not work them. Now for the good news:

Lots of SOLID contacts with Oregon, California & even Colorado. As a matter of fact, was able to get the same guy 3 days in a row, at different times on different portions of the 20m CW band. After a while it became rather funny,,,here's N2KTY checking in again....my conclusion is that there are simply fewer Pacific rim stations out there, than US stations. Perhaps if I had taken the rig up Mt. Haleakala, I could have worked more, but there were no palm trees up there....actually, there wasn't much of anything there....

The novel thing was using Maui postcards as my QSL cards. As a matter of fact, some QSL cards were already waiting for me when I got home.
Conclusion: take your QRP rig & your wife- you can work both! (carefully)

PS- I will be in Santa Clara this weekend. Any chance of meeting you Californ. QRP guys? (I hear you guys eat at 2 guys from Sicily...or something like that?

I'll be at the Marriott. Hp CU, de N2KTY(Gary)

From owner-qrp-1@netcom.com Thu Mar 23 03:12:25 1995
Date: Mon, 20 Mar 1995 18:36:01 -0500
Message-Id: <199503202336.SAA05663@detroit.freenet.org>
From: af514@detroit.freenet.org (Hank Kohl)
Subject: QRP-ARCI News

QRP-ARCI

17 March, 1995

To: All Board Members & Directors;

In response to Les's letter of 03/06/95, I acknowledge Les's resignation and accept the position of Acting President.

I extend my thanks and the thanks of the Board of Directors to Les for his years of service to QRP-ARCI. No carping, sniping or backbiting will be tolerated.

We have several immediate problems to solve:

1. We currently have 4 legal BOD members, we need a minimum of 6.
2. The BOD structure needs to be revamped so that it allows the Club to operate in a rational fashion. Several suggestions have been considered, my recommendation is a 6 member BOD, serving a 3 year term with 2 positions being up for election

every 2 years. This is NOT cast in cement. More to come.

3. Rumors that indicate we are going to "throw out" the existing Constitution & Bylaws are false. No such unwise actions are being considered. We will operate within the existing legal parameters until such time as we can legally change them.

I am soliciting letters of interest/resumes from individuals interested in serving on the BOD, please forward to myself or Mike, WA8MCQ, who has offered to recruit for me.

Dayton BOD meetings will be scheduled later this month, I need to determine who is available and when, more to come.

Please understand that our Dayton '95 presence is going to occur as usual, the Banquet is set for Saturday, and the Hospitality Suite is set for all 3 nights. We have much to discuss/resolve!

I am going to be available on Internet by 04/10/95. If you need to leave a message prior to that, use K8DD - af514@detroit.freenet.org - Hank will copy me on Packetcluster. My home number is 810-364-9640 >1800 (machine on 24 hrs), work number is 810-949-0151 (9 to 5) Eastern Time.

It is not my intent to be President of QRP-ARCI on a long term basis, I am actively seeking a replacement. If you have any questions/concerns please contact me.

72/73 Buck N8CQA

```
--  
/*  
/*      email      af514@detroit.freenet.org  
/*      call       k8dd      hank      port huron, mi  
/*
```

From owner-qrp-l@netcom.com Thu Mar 23 00:09:06 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9503191540.AA29945@cybernetics.net>
Subject: Re: qrp-l police...yes there are ::^)
Date: Sun, 19 Mar 1995 10:40:47 -0500 (EST)

[WARNING: This note will probably be offensive to the QRP-L police. :^)]

In a note from Henry Smith <hbs@crl.com>:

```
>  
> On Sat, 18 Mar 1995 Byron8LCZ@aol.com wrote:  
>> On another subject:  
>> Too many people on this list are afraid to say something for fear of  
>>offending the "self appointed QRP-L police". If you are paying for a Internet  
>> connection, you have as much right to speak as anyone else.
```

This is an aspect of the Internet that the people used to being-in-charge are having trouble adjusting to. :^)

```
>>If you let these  
>> guys silence you, we'll all miss the opportunity to learn more about our  
>> favorite hobby, QRP.
```

A case in point: the several occasions of the QRP-L police trying to tell me how my blow-by-blow reports on the SSB QRP Fox Hunts were wasting space in their emailboxes. :^) And I loved the pointed criticism on how they were "off-topic"...from a person who does *not* have a radio and is *not* on-the-air. How did I handle it? Simple: I have continued

to post a blow-by-blow report for *every* Fox Hunt I've been in. :^)
Some people like them...and some don't. But the point is: somebody
does get something out of them.

>> Ask questions, make comments, thats what this list is
>> all about. If the "police" dont like it, too bad. Some of the "very best"
>> comments I've seen on this list, come to me in private e-mail, because the
>> authors dont want to offend the police. What a shame. Just think of all the
>> really interesting posts that everyone else has missed.

Recently, some of the "police" were making baffoons of themselves in
public on the list over some comments I made...but I received some
bravos by private email. The split between public and private comments
didn't escape my notice. :^)

>
> Byron,
>
> Now that you have brought it up, would you care to elaborate (in public)
> on what you mean by "qrp-l police"?
>
> I am sure that I am not the only one interested in knowing about this.
>
> Smitty, NA5K

Do I personally think there is a QRP-L police?

Here's an excerpt from a recent post I made to the list.

=>Several people wrote me, because I had not posted my "companion"
=>piece about the 160 M antenna I erected for my Fox Run.
=>
=>This is not a straight mechanical description: it mixes alittle
=>philosophy and my "rules-of-thumb" for doing this sort of thing.
=>
=>Now is the time for the torroid-winders to hit the "N" key. :^)
=>This article is about why it is often unnecessary for city-fied
=>QRPers to load up a drain gutter.
=>
=>One might argue that the description of an antenna is more suited to
=>be a posting to rec.radio.amateur.antenna. But this really is a "qrp"
=>article. Here is why: since the antenna is full-dimensional, it must
=>

Yep. They are there...sometimes they self-appoint after just one
week on the list. :^)

Not everything posted to this list is of interest to me. But I'm

glad it *all* is posted. I'm skillful enough to sort through it:
something like being able to copy one particular signal among
four or five any given night on 7.040, despite the digitals and
and L.A. sidebanders.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-1@netcom.com Thu Mar 23 03:43:41 1995
Message-Id: <9503201651.AA10295@ig1.att.att.com>
From: mvjfm@mvubr.att.com (James M Fitton +1 508 960 2577)
Date: 20 Mar 95 11:44:00 -0500
Subject: QRP-NE Meeting

A QRP-NE lunch meeting was held in Boxboro MA on Sunday,
3/12. Attending were:

Bill, N1QPR
Paul, W1CFI
John, WB1HPW
Jim, W1FMR

Bill, N1QPR brought a neat assortment of HB QRP gear such
as an OHR Sprint rig & Power meter, and a shiny new red
and yellow NC40A, and an unusually packaged 40-40.

Paul brought an 80-40 packaged compactly in a black vinyl
case.

The QRP-NE gathering/lunch lasted about 2 hours. We planned
to get together on a monthly basis, with the next meeting
to be announced. Because of Dayton, "QRP To The Field",
Rochester NH, and Field Day, get togethers will have to
be carefully planned. Please give me your input to holding
monthly meetings.

It was originally thought we would meet later in April to
take advantage of Newsletter advertising but some of us
will be going to all events mentioned above. Others could
easily volunteer to hold gatherings however. Boxboro MA
is central to the QRP-NE club membership, but gatherings
could occur north south east (ocean ?) or west of center.

72

Jim, W1FMR

From owner-qrp-1@netcom.com Wed Mar 22 14:18:34 1995
Date: Wed, 22 Mar 95 09:55:46 PST
Message-Id: <9503221755.AA22141@chronology.com>
From: dcscott@chronology.com (Dale C. Scott)
Subject: RadioActive Schools

While lurking on this list I've seen a few references to "RadioActive School". To what does this refer? If it is some sort of program to encourage amateur radio within local schools I would appreciate any info.

Regards,

```

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--\      /
-----\  / Dale C. Scott           EMAIL: dcscott@chronology.com
-----\ / CHRONOLOGY CORPORATION    TEL: (206)869-4227 x110
-----/\ 17411 NE Union Hill Rd., #100 TEL: (800)800-6494 x110
-----/ \ Redmond, WA 98052          FAX: (206)869-4229
-/_-----\

```

From owner-qrp-1@netcom.com Thu Mar 23 01:55:28 1995
Date: Thu, 23 Mar 1995 16:21:41 +0000
From: david@rmit.edu.au (David Taylor)
Subject: Rotary Inductor Modification
Message-Id: <01HOHCFAPTMA8WX8LX@pitvax.xx.rmit.edu.au>

Hi All,

I have an interesting question that relates to QRP in that, if I get the rotary inductor in question operable I will use it in an ATU with QRP excitors.

The R/I came out of an ex-military transmitter that appeared to have been dismantled with an axe. Fortunately the inductor coil of silver plated wire on a ceramic form is undamaged, though the shaft, end plates and bearings need some work.

The problem is that the shaft is not straight so that the coil bumps up and down as it is turned. Actually, the shaft is in two short sections, one at each end mounted on 'U' shaped brackets, and these are bent causing the misalignment.

I had the idea to replace the stub shafts at each end with a 1/4inch steel

shaft that came out of a DEC LA120 ribbon transport mechanism complete with bearings. The steel shaft would run right through the centre of the inductor - end to end. It's dead straight and would run very smoothly.

Reasoning that I may be inserting a lossy core into the coil, I connected a 100pF cap across the coil and checked its resonant frequency (approx 1750kHz, $L = 83\mu\text{H}$), using an RF oscillator and a CRO as detector.

With the steel shaft inserted through the coil the resonant freq. went up to 1753kHz, indicating that the inductance had decreased slightly. However, the peak voltage dropped to 65% of the previous value after tuning. The shaft was indeed acting as a lossy core.

I'm leaning towards not using the steel shaft, as at QRP levels you can't sacrifice any efficiency, but what does the list think? On the plus side, it would be an easy mod that would work well - on the minus side, it may increase the loss through the ATU.

Thanks for any considered replies.

72

David Taylor
Computer Centres
RMIT (Bundoora Campus)
Melbourne, Australia
Amateur Radio: VK3JKP
Internet: david@rmit.edu.au

From owner-qrp-l@netcom.com Thu Mar 23 03:28:13 1995
Date: Mon, 20 Mar 95 08:25:14 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9503201425.AA06804@chuck.dallas.sgi.com>
Subject: schematics

Gang,

Let's try the following experiment.

I have permission from Dave Benson, NN1G, to do the following. He created the NN1G xcvr and first published in the QRP ARCI Quarterly in January 1994 an article and schematic on same. He later came out in October with a newer version with other bands also.

I have a schematic and I'll let someone check it for me, 'cuz you know

how it is checking your own work over and over and there is still some little bitty slip that creeps in and then this group may have some mods to add too.

Here is the deal. On ftp.sgi.com in the pub directory there are two files which you can ftp.

nn1g20.ps and nn1g20.hpgl which make up the following

lines	words	critters	filename
19151	19151	186583	nn1g20.hpgl
23109	59543	394585	nn1g20.ps
42260	78694	581168	total

Thus the PostScript file is almost 395,000 characters long and the Hewlett-Packard Graphics Language version of same is only 186,000+ long.

I have printed the .ps file on an HP and Apple and TI printers. I use a public domain program dxy2ps (Amdek DXY to PostScript) utility to convert to .ps. The scale factor that I use is

-s 1.50 with x&y offsets of 10, so if anyone uses the hpgl to feed a plotter, let me know how it looks compared to the .ps and I'll rescale it.

The program that was used to create the schematic is one that I wrote some time back (two years or so) to create schematics. I wanted something to run under UNIX and on my workstation at home.

The input file is 171 lines, 5,998 characters, to create both files.

Scope this out. The experiment here is to see how many people can do HPGL and PostScript. Not everyone has the capability to transfer and home in on any one CAD program, but that doesn't eliminate transfer by using other programs. I'm looking to see if we can provide schematics to a major portion of this community using these two standard formats. I think that for 395K, you can get a very good schematic.

In the .ps file, you can add a line

0 setlinewidth

and get a finer line on output. Do this after the

1 setlinejoin

which is where I typically put it.

More to follow.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Thu Mar 23 02:20:47 1995
From: RobCap@aol.com
Date: Tue, 21 Mar 1995 16:20:04 -0500
Message-Id: <950321161806_56523991@aol.com>
Subject: Ten Tec Attenuator is Sold

Thanks for the interest fellas. The Ten Tec attenuator is sold. I still have the Yaesu SWR/Power meter, and the HW-16.

73,

Rob, WA3ULH

From owner-qrp-1@netcom.com Thu Mar 23 00:54:05 1995
Date: Mon, 20 Mar 1995 10:51:35 -0500
From: seront@seism1.ess.sunysb.edu (Bernard Seront)
Subject: Ten Tec kits
Message-Id: <9503201949.AA15902@seism1.ess.sunysb.edu>

I've read somewhere that ten tec is also making kits.
Does someone know something about that?
I am also interseted by their address; phone, fax #.
Thanks by advance.

Bernard, KB2TGH

From owner-qrp-1@netcom.com Wed Mar 22 23:59:17 1995
From: Bensondj@aol.com
Date: Sun, 19 Mar 1995 11:42:26 -0500
Message-Id: <950319114224_54122117@aol.com>
Subject: Toroid Wire

Gang-

I'm looking for solid (not stranded) color-coded ribbon cable. It's real handy stuff for winding bifilar toroids- beats the heck out of ohming out twisted-pair, but I haven't yet located a source now that my

"hamfest-special" supply is gone.

Responses with the commercial distributors range from: "we can't help you without a part number" to "Send us a spec and we could have someone custom-make it"! Grr@#\$\$%!

Does this stuff ring a bell with anyone? Thanks and 72-

Dave, NN1G

From owner-qrp-l@netcom.com Wed Mar 22 23:53:33 1995

Date: Sun, 19 Mar 1995 09:33:28 -0800 (PST)

From: Steven Wilson <randyw@crl.com>

Subject: Tuned ground system ?

Message-Id: <Pine.SUN.3.91.950319091750.15551A-100000@crl4.crl.com>

Do you tune your ground system ? What effect did it have on the radiation resistance ? Do you use a counterpoise ? Is it elevated ? Is it insulated from earth ground ?

What about a top hat ?

If you tuned your counterpoise; How did you do it.

What were the results ?

Having been a ham now for over 40 years I have seen many good antennas come and go. Isn't it time we took a look at the results before we throw the baby out with the bath water ? Want examples ? That is easy

In the early 50's one wanted a ZEPP with tuned feeders, then came the Wimdom with 300 ohm TV line as the feeders, then came QUAD, then came the SWISS QUAD, Dipoles with coils center loaded verticals bottom loaded verticals antenna made from coax, etc, etc, etc -

But back in the early days long before I was born - 1900's there were tuned feeders, capacity hats, Flat top tee's and they worked the work with very poor receiver front ends and low power. As the receivers improved it seems the antenna flavor of the month came into effect and good engineering was forgotten.

So what would be the best design - and not necessarily the best flavor of the month ?

de stan AK0B